Luoyanggia

Luoyanggia is a genus of <u>oviraptorid</u> <u>dinosaur</u> known from the Early Cretaceous <u>Haoling Formation</u> of the <u>Ruyang Basin</u> in <u>Henan Province</u>, central <u>China</u>. The <u>type species</u> is *L. liudianensis*. ^[1] Holtz estimated it at 1.5 meters (5 ft) and around 2.27-9.1 kg (5-20 lbs). ^[2] Molina-Pérez and Larramendi gave a similar size of 1.2 meters (4 ft) and 8.5 kg (18.7 lbs). ^[3]

Habitat

Non-avian dinosaurs that co-existed with *Luoyanggia* included *Ruyangosaurus*, *Zhongyuansaurus*, *Yunmenglong*, *Xianshanosaurus*, and "*Huanghetitan*" ruyangensis. The type horizon of *Luoyanggia* was initially thought to date <u>Cenomanian</u> stage of the late <u>Cretaceous</u> period, but extensive fieldwork in the Ruyang Basin and invertebrate and microfossil assemblages indicate an Aptian-Albian age for the Haoling Formation. [4]

See also

Timeline of oviraptorosaur research

References

- 1. Lü., J., Xu, L., Jiang, X., Jia, S., Li, M., Yuan, C., Zhang, X. and Ji, Q. (2009). "A preliminary report on the new dinosaurian fauna from the Cretaceous of the Ruyang Basin, Henan Province of central China." *Journal of the Palaeontological Society of Korea*, **25**: 43-56.
- 2. Holtz, Thomas R., Jr.; Rey, Luis V. (2007). <u>Dinosaurs: The Most Complete, Up-to-Date Encyclopedia for Dinosaur Lovers of All Ages</u> ([1] (http://www.geol.umd.edu/~tholtz/dinoappen dix/HoltzappendixWinter2011.pdf)). New York: Random House. <u>ISBN</u> 978-0-375-82419-7.
- 3. Molina-Pérez & Larramendi (2016). *Récords y curiosidades de los dinosaurios Terópodos y otros dinosauromorfos*. Spain: Larousse. p. 271.
- 4. Xu, L., Pan, Z.C., Wang, Z.H., Zhang, X.L., Jia, S.H., Lü, J.C., Jiang, B.L., 2012. Discovery and significance of the Cretaceous system in Ruyang Basin, Henan Province. Geological Review 58, 601-613.

Luoyanggia Temporal range: Early Cretaceous, Aptian-Albian Pre€ € OS D C P T J K PgN Scientific classification / Kingdom: Animalia Phylum: Chordata Clade: Dinosauria Clade: Saurischia Clade: Theropoda †Oviraptoridae Family: Genus: †Luoyanggia Lü et al., 2009 Species: †L. liudianensis Binomial name †Luoyanggia liudianensis Lü et al., 2009

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